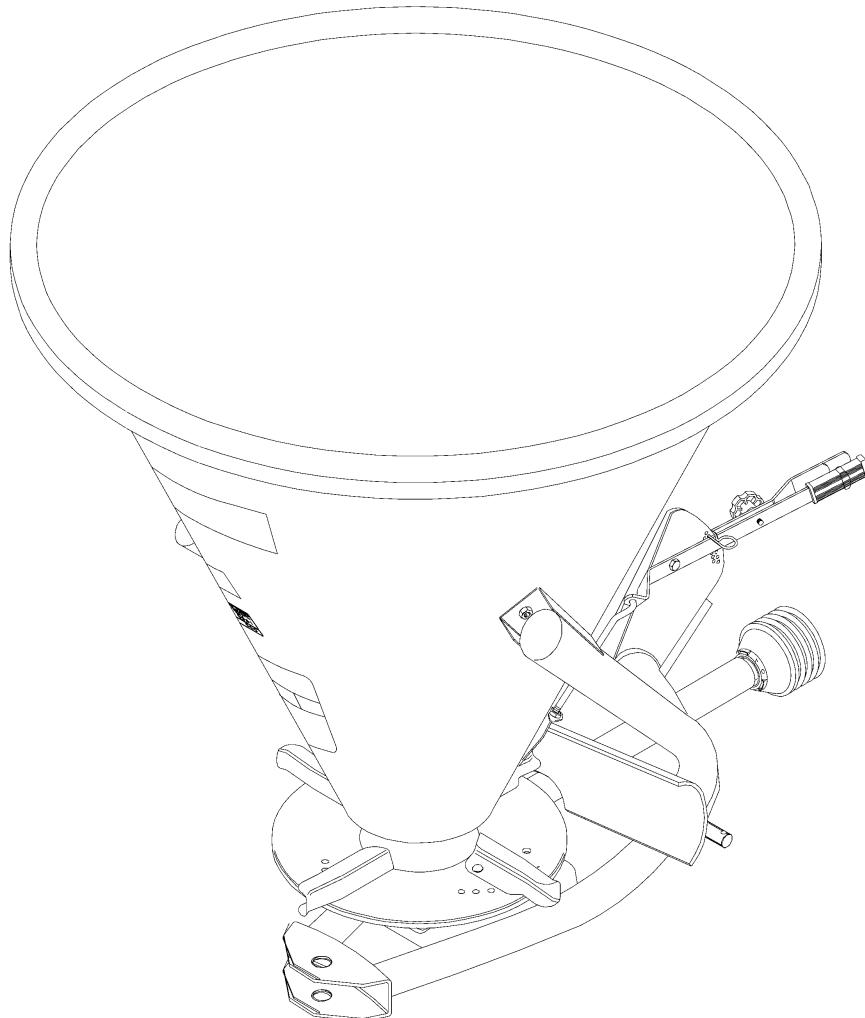


Fertilizer Spreader

FSP500, FSP700 & FSP1000



24974

309-065P
Parts Manual



Read the Operator's manual entirely. When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

© Copyright 2008 Printed 01/31/08

Cover photo may show optional equipment not supplied with standard unit.

Land' Pride

Table of Contents

Section 1: Introduction.....	4
Using This Manual.....	4
Manual Replacement Information.....	4
Manual Revisions.....	4
Touch-up Paint.....	4
Hardware Legend.....	5
Replacement Hardware.....	5
Serial Numbers.....	5
Part Number Service Coding.....	5
Section 2: Complete Assembly.....	6
Complete Assembly.....	6
Section 3: Drivelines.....	8
Driveline (311.001) Eurocardan.....	8
Section 4: Gearbox.....	10
Gearbox (322.002).....	10
Section 5: Labels.....	12
Label Placement.....	12
Section 6: Options.....	14
Hopper Cover.....	14
 Part Number Index.....	 16

© Copyright 2008. All rights reserved.

Land Pride provides this publication "as is" without warranty of any kind, either expressed or implied. While every precaution has been taken in the preparation of this manual, Land Pride assumes no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from the use of the information contained herein. Land Pride reserves the right to revise and improve its products as it sees fit. This publication describes the state of this product at the time of its publication, and may not reflect the product in the future. The illustrations in this manual are not intended for safe and proper assembly or disassembly of equipment. The illustrations are intended for ordering parts only.

Land Pride is registered trademark.

All other brands and product names are trademarks or registered trademarks of their respective holders.

Printed in the United States of America.



Alphabetized Table of Contents

C

Complete Assembly.....6

D

Driveline (311.001) Eurocardan.....8

G

Gearbox (322.002).....10

H

Hopper Cover.....14

L

Label Placement.....12

General Information

Using This Manual

This manual is divided into sections. The first section contains General Information. The remaining sections divide the machine into segments (i.e. Frames, Drives, Hydraulics, etc.) which illustrate and list all parts. A Parts Number Index is located at the back of the book.

The Land Pride parts in this manual are specially designed for this machine and should be replaced with Land Pride parts only.

The information in this manual is current at time of printing. Some parts may change to assure top performance.

Right-hand and left-hand as used in this manual are determined by facing the direction the machine will travel while in use.

Below is an example of two facing pages from a parts manual. Familiarize yourself with the type of information contained on these pages.

Manual Replacement Information

Replacement manuals are available. Refer to our website at www.landpride.com, the Land Pride Support Center CD or e-mail us at lit@landpride.com for additional information. Our website continues to provide the most up-to-date manuals available.

Touch-up Paint

Repaint parts where paint is worn or scratched to prevent rust. Aerosol cans and touch-up bottles with brush applicator are available through your local dealer. Land Pride color descriptions and part numbers are listed below. Also available are quart and gallon size paints. Add QT or GL to end of the Aerosol P/N.

Color	Product ¹	Aerosol	Touch-Up
Gloss Black	LP	821-032C	821-032CTU
Medium Gloss Black	UV	821-053C	821-053CTU
Beige	LP	821-011C	821-011CTU
Green	SLP	821-058C	821-058CTU
Orange	SLP	821-066C	821-066CTU
Red	SLP/UV	821-054C	821-054CTU
Blue	SLP/UV	821-067C	821-067CTU
Dark Green Sparkle	UV	821-055C	821-055CTU
Gondo Forest Green	UV	821-057C	821-057CTU
Brite Yellow ²	UV	821-056C	821-056CTU
Gondo Yellow ³	UV	821-059C	821-059CTU

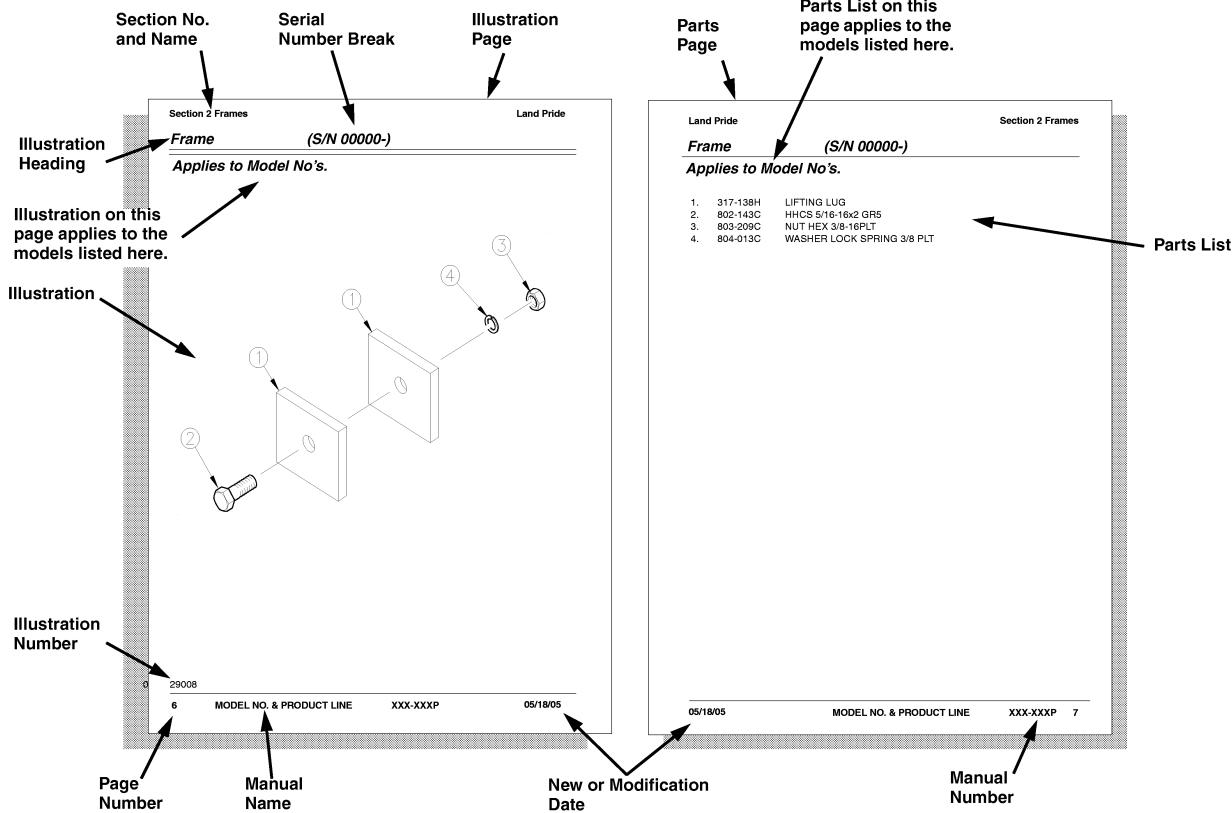
Notes:

1 LP = All Land Pride Products except Utility Vehicles
SLP = Select Land Pride Products that are available in optional Green, Orange, Red, & Blue colors.

UV = Utility Vehicles

2 Used on Trekkers and (Runabouts with S/N 407628-)

3 Used on Gondos and (Runabouts with S/N 407629+)



General Information

Hardware Legend

AR	As Required
BLADE	Blade Bolt
C	Cap Screw
CP	Cotter Pin
CPHSSS	Cup Point Hex Socket Set Screw
CPSHSS	Cup Point Square Head Set Screw
CPSQHSS	Cup Point Square Head Set Screw
CRFCHMS3	Cross Recess Flat Countersunk Head Machine Screw
CRPHMS	Cross Recess Pan Head Machine Screw
CRPHTFS	Cross Recess Pan Head Thread Forming
CRRHMS	Cross Recess Round Head Machine Screw
CRTHMS	Cross Recess Truss Head Machine Screw
CSNB	Countersunk Square Neck Bolt
FHMS	Flat Head Machine Screw
FTC	Full Thread Cap Screw
H	Hex Nut
HCLN	Hex Center Lock Nut
HFLCS	Hex Flange Lock Cap Screw
HFS	Hex Flange Screw
HFSLN	Hex Flange Serrated Lock Nut
HFSS	Hex Flange Serrated Screw
HHCS	Hex Head Cap Screw or Metric Bolt
HSBHCS	Hex Socket Button Head Cap Screw
HSFCHCS	Hex Socket Flat Countersunk Head Cap Screw
HSHCS	Hex Socket Head Cap Screw
HSSS	Hex Socket Head Screw
HTLN	Hex Top Lock Nut
HWHCS	Hex Washer Head Cap Screw

HWHMS	Hex Washer Head Machine Screw
HXBHCS	Hex Socket Button Head Cap Screw
J	Hex Jam Nut
JIC	37 Degree Tapered Thread
L	Helical Spring Lock Washer
LUG	Lug Bolt
NFC	National Fine Cap Screw
NPSM	National Pipe Straight Mechanical
NPTF	National Pipe Taper Fuel
P	Wide Plain Washer
PHMS	Pan Head Machine Screw
PLOW	Plow Bolt
RHMS	Round Head Machine Screw
RHSNB	Round Head Square Neck Bolt
SCREW LEVELING	Leveling Screw
SCREW THUMB	Thumb Screw
SCREW WELD	Weld Screw
SFCHMS	Slotted Flat Countersunk Head Machine Screw
SFHMS	Slotted Fillister Head Machine Screw
SP	Special
SP SCREW	Special Screw
SQHSS	Square Head Set Screw
SRHMS	Slotted Round Head Machine Screw
SSS	Socket Set Screw
STCS	Self Tapping Cap Screw
STHMS	Slotted Truss Head Machine Screw
WHEEL	Wheel Studs and Hub Long Bolts
WING	Wing Bolt

Replacement Hardware

The **Hardware Legend** above lists hardware abbreviations used in the parts list. All bolts and nuts are Grade 5 unless otherwise noted. The use of improper grades of hardware can result in personal injury, damage to equipment, or loss of property.

Colored Replacement Parts

Land Pride offers replacement parts in factory standard colors and also on select models in Green, Orange, Red and Blue. Because of the variety of colors available, special attention must be given to the part number to prevent ordering the wrong replacement part.

A suffix number corresponding to one of the colors below must be added at the end of Land Pride's part number when ordering a replacement part with that color.

81 Green 83 Red
82 Orange 84 Blue

For example, if you are ordering a replacement part with part number 555-555C and the part you need is red, then add the suffix 83 to the end of the number to make the part number read 555-555C83. Parts ordered without a suffix number will be supplied in factory standard colors.

Black Replacement Parts

Some parts are factory standard black and some must be special ordered black. If your part is special ordered black, a second part number with the additional suffix number 85 on the end will be available. In this situation you must order that part with the suffix number for it to be black. Parts that are factory standard black will not have the suffix number.

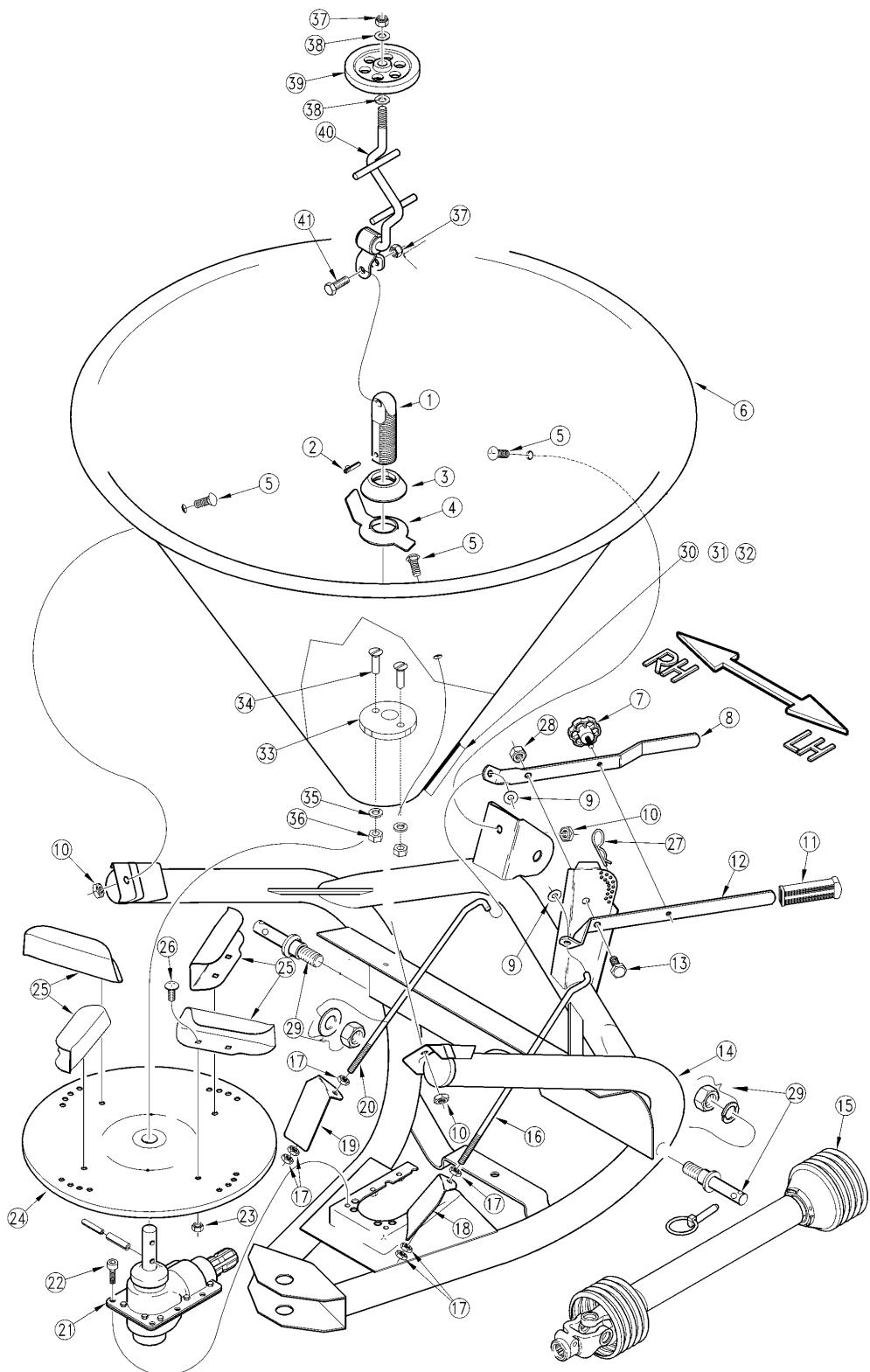
Part Number Service Coding

Within the parts list some part numbers are coded for revisions and interchangeability. See notations in revision column.

Serial Numbers

Always use the serial and model number when ordering parts. Refer to the Operator's Manual for serial number plate location.

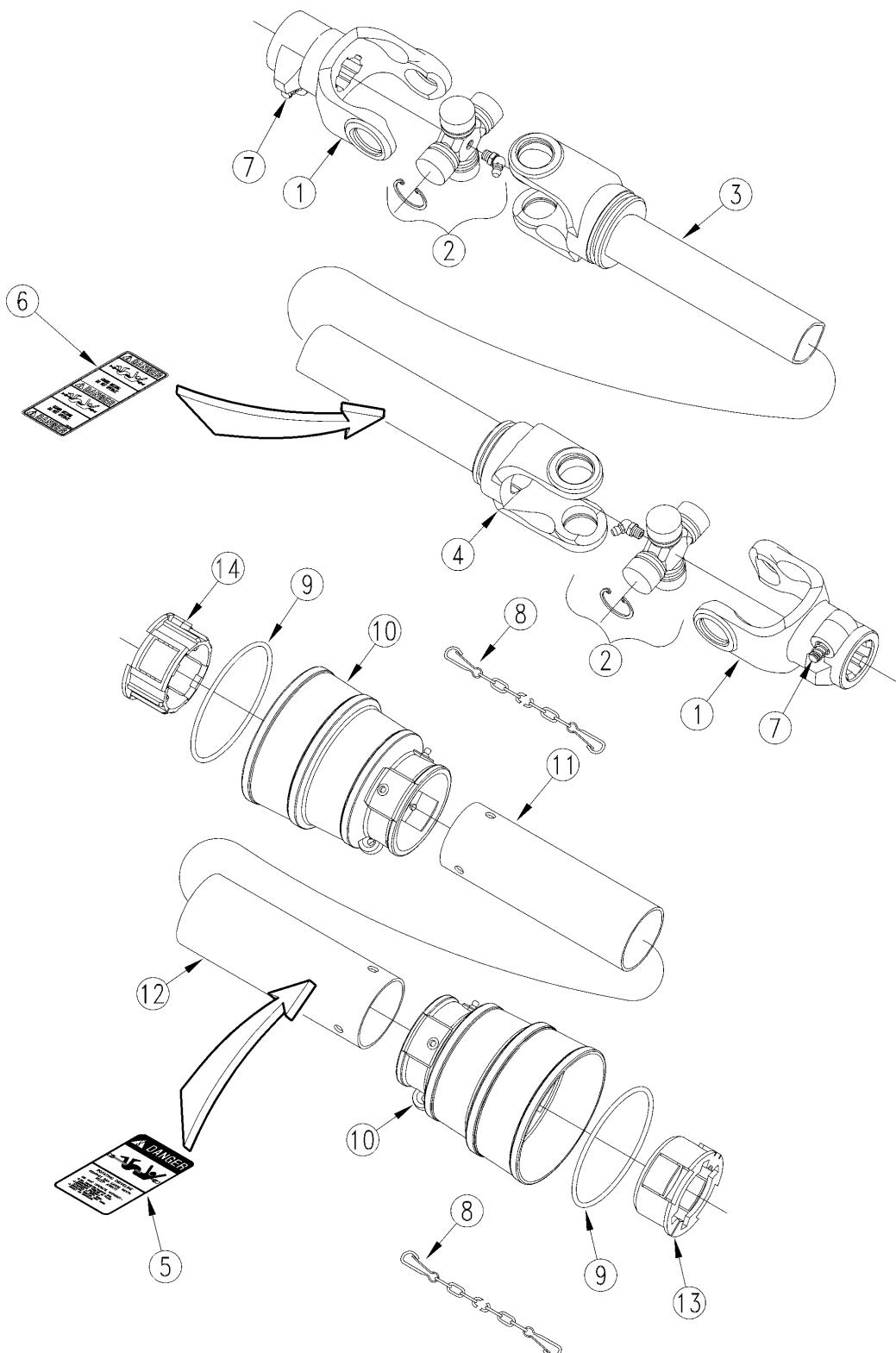
(S/N 20001+)	Includes serial numbers 20001 and above (to the latest number)
(S/N 10001 to 20000)	Includes serial numbers between and including 10001 and 20000
(S/N 10000-)	Includes serial numbers 10000 and below (to the earliest number)

Complete Assembly**Applies to FSP1000, FSP500, FSP700**

25692

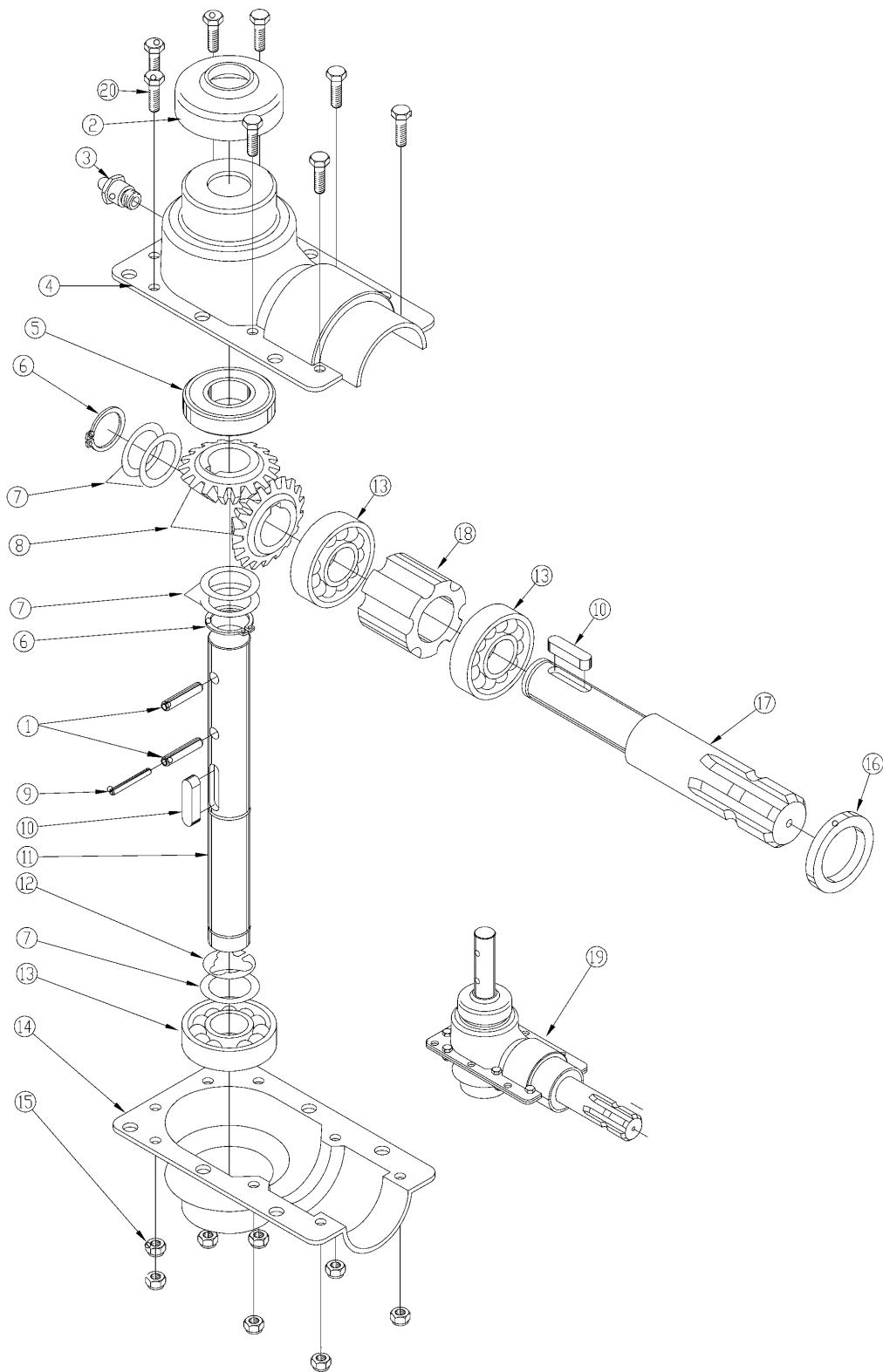
Complete Assembly**Applies to FSP1000, FSP500, FSP700**

Ref	Part No.	Part Description	Comments	Revision
	dwg25692	Drawing Image Number		
1.	330.001	COSMO ENTRAINER		
2.	305.001	COSMO SPRING PIN 8X40		
3.	304.013	COSMO RING RUBBER		
4.	619.002	COSMO LOWER AGITATOR		
5.	300.044	COSMO SCREW TTQST 10X20		
6.	817-756C	HOPPER FSP500 PLASTIC COMPLETE		
6.	817-757C	HOPPER FSP700 PLASTIC COMPLETE		
6.	817-758C	HOPPER FSP1000 PLSTIC COMPLETE		
7.	302.003	COSMO LEVER LOCK KNOB		
8.	604.001	COSMO RIGHT LEVER		
9.	303.009	COSMO WSHR FLT 10.5X21 UNI6592		
10.	301.010	COSMO NUT HEX M10 UNI 5588		
11.	304.008	COSMO RUBBER GRIP		
12.	604.002	COSMO LEFT LEVER		
13.	300.024	COSMO SCRW HX HD 12X35 UNI5739		
14.	613.003	COSMO FRAME "PIN" STYLE		
15.	311.001	COSMO DRIVELINE		
16.	602.002	COSMO LEFT TIE ROD		
17.	803-279C	NUT HEX M10X1.5 PLT		
18.	605.006	COSMO LEFT SHUTTER		
19.	605.005	COSMO RIGHT SHUTTER		
20.	602.001	COSMO RIGHT TIE ROD		
21.	322.002	COSMO G-BOX		
22.	300.014	COSMO HX SCKT HD CP SCRW 8X16		
23.	301.012	COSMO NUT HEX M8 UNI 5588		
24.	610.019	COSMO SPRDR DSK W/STNLS STL VN		
25.	601.002	COSMO STAINLESS STL DIST. VANE		
26.	300.030	COSMO RND HD SCRW 8X16 UNI5731		
27.	307.001	COSMO PIN HAIR COTTER		
28.	301.008	COSMO SELF LOCK NUT M12		
29.	633.001	COSMO PIN LOWER LINK		
30.	622.030	COSMO LATERAL SLIDE RH	Use Rivets Furnished by Customer to Install	
31.	622.027	COSMO LATERAL SLIDE CENTER	Use Rivets Furnished by Customer to Install	
32.	622.031	COSMO LATERAL SLIDE LH	Use Rivets Furnished by Customer to Install	
33.	614.002	COSMO PLATE BOTTOM HOPPER		
34.	300.040	COSMO SCREW TSEI 8X20		
35.	303.013	COSMO WASHER 8X24		
36.	301.012	COSMO NUT HEX M8 UNI 5588		
37.	301.008	COSMO SELF LOCK NUT M12		
38.	303.026	WASHER FLAT 13X25 UNI6592		
39.	304.011	COSMO BUFFER WHEEL		
40.	613.009	COSMO AGITATOR FRAME UPPER		
41.	802-654C	HHCS M12X1.75X55 GR 8.8		

Driveline (311.001) Eurocardan**Applies to FSP1000, FSP500, FSP700**

Driveline (311.001) Eurocardan**Applies to FSP1000, FSP500, FSP700**

Ref	Part No.	Part Description	Comments	Revision
	dwg18111	Drawing Image Number		
	311.001	COSMO DRIVELINE		
	*			
1.	1021010	EC YOKE ASSEMBLY (TRACT. END)		
2.	1001020	EC CROSS ASSEMBLY (U JOINT)		
3.	1991034N	EC INSIDE TUBE WITH YOKE		
4.	1981032N	EC OUTSIDE TUBE WITH YOKE		
5.	818-552C	DECAL DANGER PTO DRIVELINE		
6.	818-540C	DECAL DANGER GUARD MISS PTO		
7.	1581038	EC COMPLETE PUSH-PIN KIT		
8.	044321	DRIVELINE SHIELD SAFETY CHAIN		
9.	1211233	EC STIFFENING RING		
10.	1781003	EC STANDARD SOFT CONE		
11.	1871031	EC INNER TUBE		
12.	1770031	EC OUTER TUBE		
13.	1781005	EC TUBE BEARING (OUTER)		
14.	1781004	EC TUBE BEARING (INNER)		

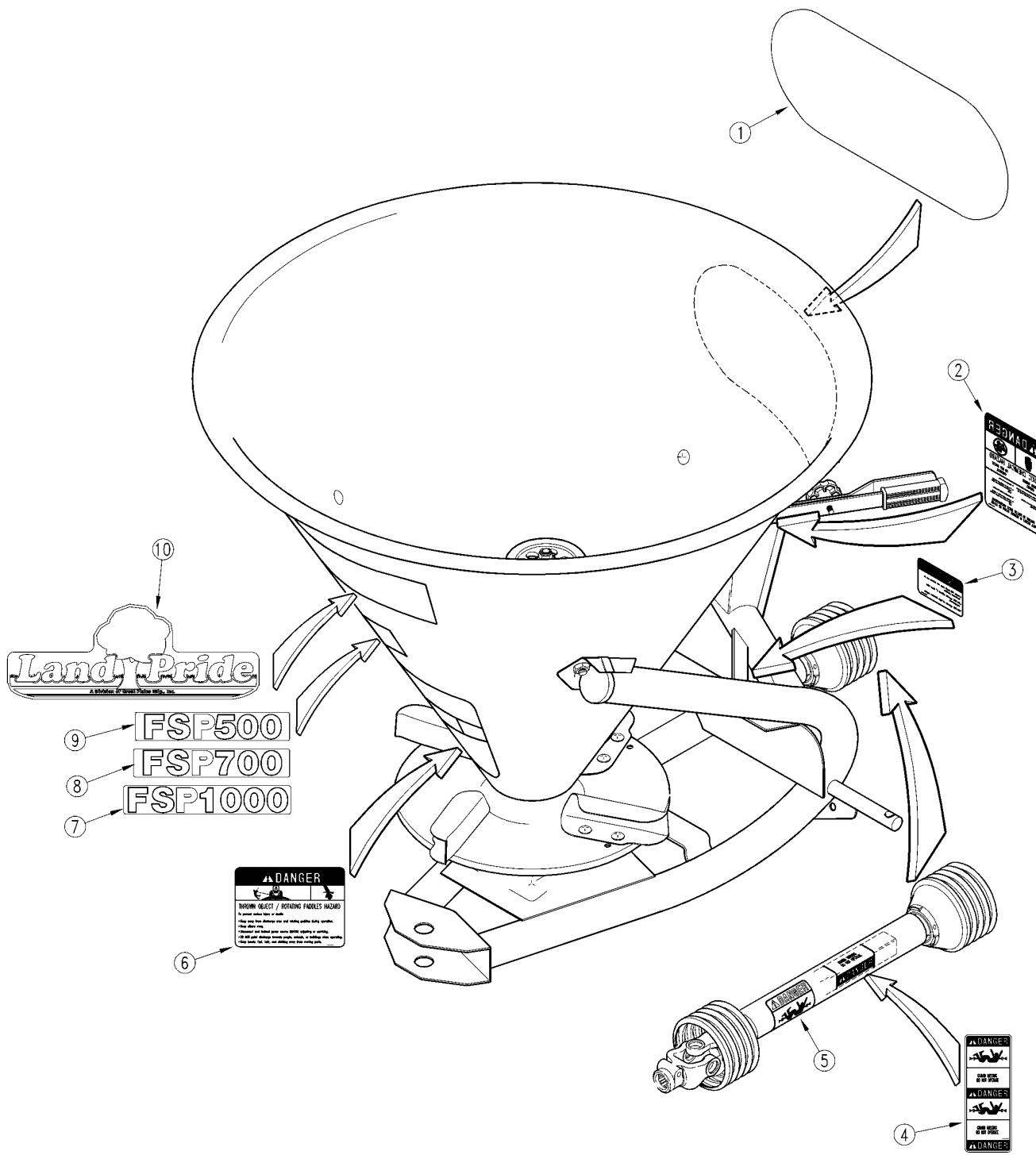
Gearbox (322.002)**Applies to FSP1000, FSP500, FSP700**

Gearbox (322.002)**Applies to FSP1000, FSP500, FSP700**

Ref	Part No.	Part Description	Comments	Revision
	dwg22166	Drawing Image Number		
	322.002	COSMO G-BOX		
	*			
1.	305.001	COSMO SPRING PIN 8X40		
2.	304.002	OUTPUT SHAFT COWLING		
3.	306.002	COSMO GREASE NIPPLE		
4.	314.002	COSMO UPPER SHELL		
5.	310.001	COSMO BALL BEARING OUTPUT TOP		
6.	313.011	COSMO INTERNAL RETAINER RING		
7.	303.011	WASHER 25X35X0,5 DIN 988		
8.	316.003	COSMO PINION GEAR		
9.	305.003	COSMO SPLIT PIN		
10.	326.003	COSMO SPLINE KEY		
11.	323.009	COSMO OUTPUT SHAFT		
12.	313.010	COSMO EXTERNAL RETAINER RING		
13.	310.002	COSMO BALL BEARING IN/OUTPUT		
14.	314.001	COSMO LOWER SHELL		
15.	301.009	SELF LOCKING NUT M6		
16.	309.001	COSMO INPUT SHAFT OILSEAL		
17.	323.008	COSMO INPUT SHAFT		
18.	329.011	COSMO SPACER INPUT SHAFT		
19.	322.002	COSMO G-BOX		
20.	300.026	COSMO HEX HEAD CAP SCREW		

Label Placement

Applies to FSP1000, FSP500, FSP700



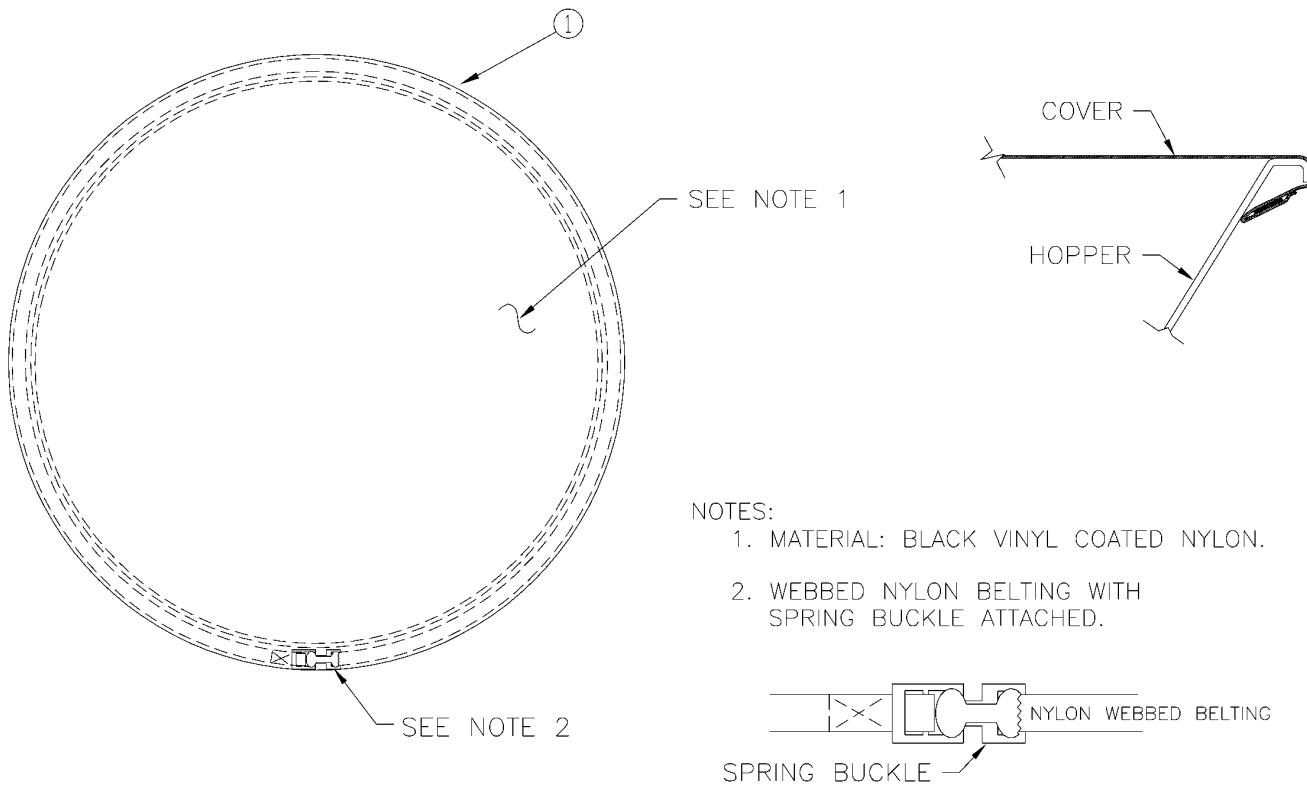
Label Placement

Applies to FSP1000, FSP500, FSP700

Ref	Part No.	Part Description	Comments	Revision
	dwg17571	Drawing Image Number		
1.	818-764C	DECAL FERT. SPREADING CHART		
2.	818-541C	DECAL DANGER TOXIC CHEMICAL		
3.	818-542C	DECAL NOTICE FERT PTO INFO		
4.	818-540C	DECAL DANGER GUARD MISS PTO		
5.	818-552C	DECAL DANGER PTO DRIVELINE		
6.	818-539C	DECAL DANGER THROWN OBJ FERT		
7.	848-091C	DECAL FSP1000 BROWN		
8.	848-090C	DECAL FSP700 BROWN		
9.	848-089C	DECAL FSP500 BROWN		
10.	818-895C	DECAL LP W/TREE 19" - 2 COLOR		

Hopper Cover

Applies to FSP1000, FSP500, FSP700



NOTES:

1. MATERIAL: BLACK VINYL COATED NYLON.
2. WEBBED NYLON BELTING WITH SPRING BUCKLE ATTACHED.

Hopper Cover

Applies to FSP1000, FSP500, FSP700

Ref	Part No.	Part Description	Comments	Revision
	dwg22168	Drawing Image Number		
1.	890-988C	FSP500 HOPPER COVER		
1.	890-989C	FSP700 HOPPER COVER		
1.	890-990C	FSP1000 HOPPER COVER		

Part Number Index

The Part Number Index is a numeric index of all part numbers included in this manual. The index shows what page(s) the part is used on.

Part Number	Page	Part Number	Page
044321	9	817-758C	7
1001020	9	818-539C	13
1021010	9	818-540C	9, 13
1211233	9	818-541C	13
1581038	9	818-542C	13
1770031	9	818-552C	9, 13
1781003	9	818-764C	13
1781004	9	818-895C	13
1781005	9	848-089C	13
1871031	9	848-090C	13
1981032N	9	848-091C	13
1991034N	9	890-988C	15
300.014	7	890-989C	15
300.024	7	890-990C	15
300.026	11	dwg17571	13
300.030	7	dwg18111	9
300.040	7	dwg22166	11
300.044	7	dwg22168	15
301.008	7	dwg25692	7
301.009	11		
301.010	7		
301.012	7		
302.003	7		
303.009	7		
303.011	11		
303.013	7		
303.026	7		
304.002	11		
304.008	7		
304.011	7		
304.013	7		
305.001	7, 11		
305.003	11		
306.002	11		
307.001	7		
309.001	11		
310.001	11		
310.002	11		
311.001	7, 9		
313.010	11		
313.011	11		
314.001	11		
314.002	11		
316.003	11		
322.002	7, 11		
323.008	11		
323.009	11		
326.003	11		
329.011	11		
330.001	7		
601.002	7		
602.001	7		
602.002	7		
604.001	7		
604.002	7		
605.005	7		
605.006	7		
610.019	7		
613.003	7		
613.009	7		
614.002	7		
619.002	7		
622.027	7		
622.030	7		
622.031	7		
633.001	7		
802-654C	7		
803-279C	7		
817-756C	7		
817-757C	7		

This Page Intentionally Left Blank



Great Plains Manufacturing, Inc.

Corporate Office: P.O. Box 5060
Salina, Kansas 67402-5060 USA

www.landpride.com
